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(71) Applicants and

(72) Inventors: ENGLER, Haim [IL/IL]; 17 Harotem Street, 98534 Ma'ale Adumim (IL). TICK, Drew [IL/IL]; 34 Ramban Street, 92268 Jerusalem (IL).

(74) Agent: LEWIN, Aaron; Silber, Schottenfels & Gerber, 29B Keren Hayesod Street, 94188 Jerusalem (IL).

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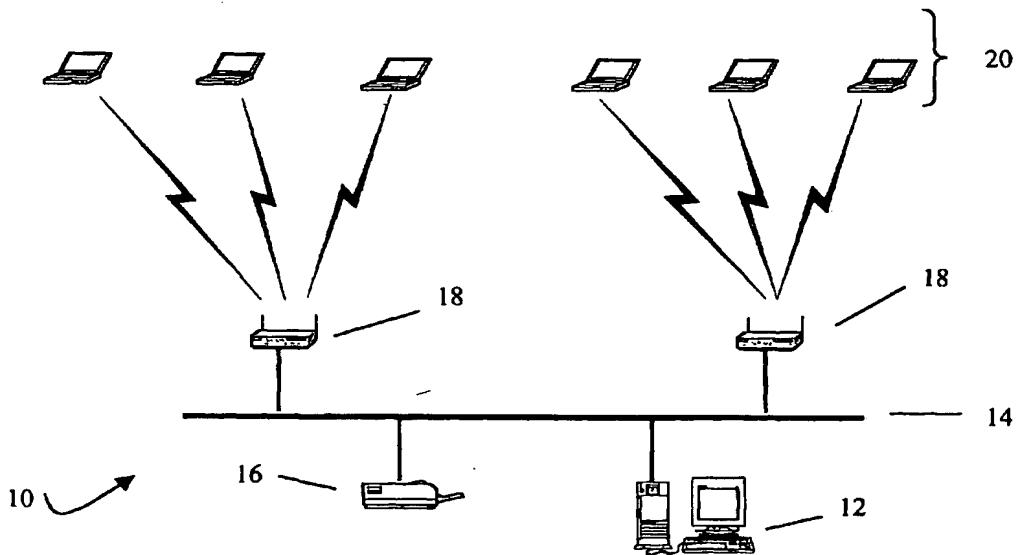
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(54) Title: AUTOMATED NETWORK SECURITY SYSTEM AND METHOD



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(57) Abstract: A method is presented for automatically providing a secure connection between a wireless network (10) including a server (12) and server software installed thereon and a device (20) seeking access to the wireless network. In response to an initial request for access to the wireless network by the device, a software agent is installed on the device which gathers identification information from the device and prompts the user to provide authentication information which is transmitted to the server (12). If successfully verified, the server stores the identification and authentication information in an authorized access list, provides a unique encryption key to the requesting device and grants the authenticated user and identified device access to the wireless network. The method also includes procedures for when authentication fails and for granting subsequent access to an authenticated device and user.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00579

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04L 9/32
 US CL : 713/200

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 713/200; 445/406

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 EAST: session key, machine ID, authentication

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20010041556 A1 (Laursen et al.) 15 November 2001 (15.11.2001), page 1 and 2 paragraphs 0007 to 0030	1-6, 8-12
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Y	US 20020072348 A1 (Wheeler et al) 13 June 2002 (13.06.2002), paragraphs 0006 to 0015	7

Further documents are listed in the continuation of Box C.

See patent family annex.

• Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Paula W Klimach

Peggy Harrel

Telephone No. (703) 305-4832